

E. Features

- Red: 102 LEDs; Green: 102 LEDs; Blue: 102 LEDs. Total: 306 LEDs.
- Options for LED: Flat end; Astigmatic end; Condensing end. The beam divergence angle of condensing end is ranged from 15° - 60°
- Red LED: 6000mcd; Green LED: 8000mcd; Blue LED: 8000mcd.
- DMX control mode, each with 4 channels.
- Manual and auto color settings.
- Master-slave mode, with various built-in chases.
- 256° x 256° x 256 colours available.
- Low power consumption; Long life hour.

Please note: All information is subject to change without prior notice.



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Due to constant product development all specifications are subject to alteration without notice.

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LED PAR 56



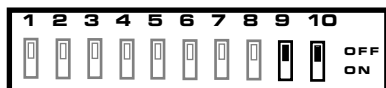
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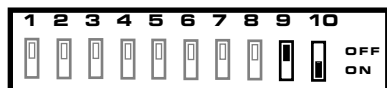
A. Manual Mode (fixed color, w/o color changing w/o chasing)

1. Link up more than 2 units or more and set Master and Slave

Master: DIP switch 7, 8, 9 and 10 at OFF



Slave: DIP switch 9 at OFF, 10 at ON



2. To set color by setting dip switches of Master unit:

- DIP 1 ON: Red LED at medium brightness;
- DIP 2 ON: Red LED at high brightness;
- DIP 3 ON: Green LED at medium brightness;
- DIP 4 ON: Green LED at high brightness;
- DIP 5 ON: Blue LED at medium brightness;
- DIP 6 ON: Blue LED at high brightness;

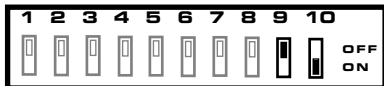
- All linked slave units' color will be same as master unit
- The above settings cannot work with DMX controller.
- When two or more LEDs are in serial, settings applies to Master only. DO NOT make any settings on Slaves. Otherwise, there will be unexpected color changing.
- DO NOT set DIP switch 7 and 8 at ON.

B. Sound-active Mode

Master: set DIP 10 at OFF, and other DIP of master unit:

DIP switch status		Function
7.ON	8.OFF	Color changing by sound
7.OFF	8.ON	Strobe and color changing by sound
7.ON	8.ON	Color chasing (in all linked up units) by sound

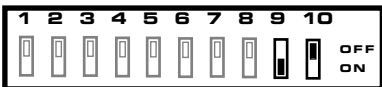
Slave: set DIP switch 9 at OFF and 10 at ON



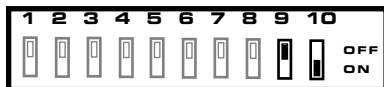
C. Built-in Chases Mode

1. To set Master and Slave

Master: DIP switch 9 at ON, 10 at OFF



Slave: DIP switch 9 at OFF, 10 at ON

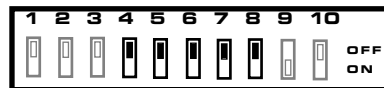


---2. To set built-in chase by setting DIP switch 1-3 of the Master.



DIP switch status			Chase
1.OFF	2.OFF	3.OFF	Chase 1
1.ON	2.OFF	3.OFF	Chase 2
1.OFF	2.ON	3.OFF	Chase 3
1.ON	2.ON	3.OFF	Chase 4
1.OFF	2.OFF	3.ON	Chase 5
1.ON	2.OFF	3.ON	Chase 6
1.OFF	2.ON	3.ON	Chase 7
1.ON	2.ON	3.ON	Chase 8

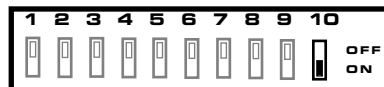
3. To set chase speed by setting DIP switch 4-8 of the Master.



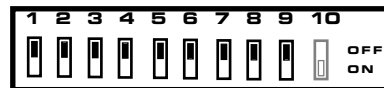
DIP switch status	Speed
4.ON	Maximum 15 sec approx.
5.ON	Fast 20 sec approx.
6.ON	Medium 30 sec approx.
7.ON	Slow 60 sec approx.
9.ON	Minimum 120 sec approx.

D. DMX Mode

1. To set DIP switch 10 of all units at ON.



2. To set address code by setting DIP switch 1-9 of each unit.



DIP switch Value	1.ON	2.ON	3.ON	4.ON	5.ON	6.ON	7.ON	8.ON	9.ON
	1	2	4	8	16	32	64	128	256

- The total value of the DIP switches is the address code.

3. Each unit occupies 4 DMX channels, functions as below:

DMX Channel	Function
Channel 1	0 Close; 1-127 Strobe speed; 128-255 Brightness
Channel 2	0-255 (R) Brightness of red color
Channel 3	0-255 (G) Brightness of green color
Channel 4	0-255 (B) Brightness of blue color

As each unit occupies 4 DMX channels, the address code of the first unit should be set as 0; and the second as 4; third, 8; fourth, 12 ...